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Observations of the Comet Rordame-Quénisset (b 1893), made at the Royal Observatory, Greenwich.

(*Communicated by the Astronomer Royal.*)

The observations were made with the East, or Sheepshanks, equatoreal, aperture 6·7 inches, by taking transits over two cross wires at right angles to one another, and each inclined 45° to the parallel of declination. Transits were sometimes taken also over a third wire bisecting the angle between the two other wires. Magnifying power 55.

The observations are corrected for refraction but not for parallax; they are also corrected for the error of inclination of the wires and for the motion of the comet.

Greenwich Mean Solar Time.	Observer.	☄−✶R.A.	Log factor of Parallax.	Corr. for Refraction.	☄−✶N.P.D.	Log factor of Parallax.	Corr. for Refraction.	No. of Comps.	Apparent R.A. of ☄.	Apparent N.P.D. of ☄.	Comp. ✶
1893. d h m s		m s		s	′ ″		″		h m s	° ′ ″	
July 11 10 51 14	C.D.	+1 35·11	9·5446	+0·03	− 3 33·9	0·8889	−0·9	3	...	...	*a*
11 11 2 31	”	+0 45·06	9·5227	−0·13	+15 29·7	0·8963	+4·1	2	9 0 55·95	44 39 3·3	*b*
16 10 13 23	A.C.	+2 57·13	9·6274	−0·02	+ 2 41·6	0·8218	+0·3	3	10 43 46·83	55 55 15·7	*c*
16 10 13 23	”	+2 1·99	9·6274	−0·03	+ 4 34·7	0·8218	+0·4	3	10 43 46·82	55 55 14·6	*d*
16 10 33 16	A.E.	+3 7·46	9·6141	−0·03	+ 4 25·0	0·8376	+0·4	1	10 43 57·15	55 56 59·2	*c*
16 10 33 16	”	+2 12·16	9·6141	−0·05	+ 6 11·6	0·8376	+0·5	1	10 43 56·97	55 56 51·6	*d*
17 9 37 32	B.	−3 35·27	9·6350	+0·01	− 4 1·1	0·7903	−0·2	2	10 55 13·69	57 55 8·3	*e*
17 10 19 35	H.	−3 14·92	9·6184	0·00	− 0 26·6	0·8260	0·0	1	10 55 34·03	57 58 43·0	*e*
17 10 34 55	”	+0 3·97	9·6085	+0·10	−10 45·6	0·8377	−1·5	2	10 55 40·24	57 59 47·6	*f*
17 10 38 24	C.D.	+0 5·52	9·6053	+0·10	−10 19·3	0·8401	−1·6	4	10 55 41·79	58 0 13·8	*f*
17 10 57 5	”	−2 58·29	9·5902	−0·04	+ 2 38·1	0·8537	+0·7	1	10 55 50·62	58 1 48·4	*e*
21 9 28 24	B.	+2 35·08	9·6104	−0·02	+ 4 46·6	0·7946	+0·2	3	11 26 50·17	64 32 31·9	*g*

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Greenwich Mean Solar Time.	Observer.	☄−★ R.A.	Log factor of Parallax.	Corr. for Refraction.	☄−★ N.P.D.	Log factor of Parallax.	Corr. for Refraction.	No. of Comps.	Apparent R.A. of ☄.	Apparent N.P.D. of ☄.	Comp.
1893. d h m s		m s		s	′ ″		″		h m s	° ′ ″	
July 21 9 28 24	B.	+2 25·89	9·6104	0·00	+ 1 4·8	0·7946	0·0	3	11 26 50·40	64 32 35·6	*h*
22 9 54 18	H.	−2 19·26	9·6027	−0·07	+10 37·7	0·8154	+0·9	4	11 32 16·30	65 52 33·0	*i*
22 10 12 35	,,	−0 49·34	9·5976	+0·10	−11 11·0	0·8274	−1·8	2	11 32 20·24	65 53 25·1	*k*
22 10 40 10	A.E.	−2 9·92	9·5845	−0·30	+12 43·5	0·8438	+2·9	2	11 32 25·41	65 54 40·8	*i*
22 10 49 46	,,	−0 40·98	9·5778	+0·24	− 9 19·9	0·8495	−2·6	1	11 32 28·74	65 55 15·4	*k*
27 9 41 17	A.C.	−4 42·97	9·5897	+0·08	− 9 33·1	0·8210	+0·9	3	11 50 26·70	70 54 37·0	*l*
Aug. 4 9 11 0	B.	−1 21·31	9·5795	+0·02	− 1 9·9	0·8252	+0·1	1	...	...	*m*
4 9 11 7	,,	−0 49·36	9·5795	+0·03	− 2 21·6	0·8252	+0·1	3	12 4 59·04	75 48 44·7	*n*
5 9 15 23	,,	−0 19·43	9·5783	+0·13	− 8 9·2	0·8285	+0·3	4	12 6 11·67	76 16 9·1	*o*
5 9 15 24	,,	−1 28·22	9·5783	+0·06	− 4 23·8	0·8284	+0·1	3	12 6 11·59	76 16 14·5	*p*
7 9 16 17	,,	−0 17·08	9·5763	+0·19	− 9 4·5	0·8322	+0·1	2	12 8 20·78	77 6 24·0	*q*
8 9 8 3	A.C.	+0 25·21	9·5761	+0·12	− 5 46·4	0·8309	+0·2	1	12 9 19·10	77 29 2·4	*r*
8 9 10 46	,,	+0 43·05	9·5759	−0·28	+13 49·3	0·8319	+0·2	2	12 9 20·44	77 29 17·0	*q*
10 9 12 55	B.	−1 5·29	9·5737	−0·02	+ 0 44·3	0·8353	+0·1	3	12 11 6·68	78 12 10·2	*s*

Notes.

July 11, 16.—Comet very bright, apparently nearly circular.
July 27.—Comet still very bright. Visible in bright twilight.

July 16.—Nucleus north preceding centre.
Aug. 10.—Comet faint. Observations rather rough.

The initials H., A.C., B., C.D., A.E. are those of Mr. Hollis, Mr. Crommelin, Mr. Bryant, Mr. Davidson, and Miss Everett respectively.

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Assumed Mean Places of the Comparison Stars.

	Comparison Star.	Assumed R.A. 1893·0.	Assumed N.P.D. 1893·0.	Authority.
		h m s	° ′ ″	
a.	B.D. + 45° 1675	8 59 2	44 42	Bonn Observations, vol. iv.
b.	O.A. (N.), 9583	9 0 10·72	44 23 37·8	Oeltzen-Argelander (N).
c.	W.B. (2) X., 789	10 40 49·04	55 52 39·7	Leiden Zones, 169, 281.
d.	W.B. (2) X., 805	10 41 44·18	55 50 45·3	” ” 170, 284.
e.	W.B. (2) X., 1143	10 58 48·22	57 59 14·7	” ” ” ”
f.	W.B. (2) X., 1071	10 55 35·45	58 10 39·9	” ” ” ”
g.	W.B. (2) XI., 412	11 24 14·33	64 27 48·2	Paris Catalogue and Second Armagh Catalogue.
h.	W.B. (2) XI., 414	11 24 23·73	64 31 33·9	Paris Catalogue.
i.	W.B. (2) XI., 632	11 34 34·83	65 41 57·0	Paris and Second Armagh Catalogues, and Berlin Zones, 64, 66, 246.
k.	W.B. (2) XI., 600	11 33 8·68	66 4 40·4	Yarnall's Washington Catalogue, 1860, and Berlin Zones, 68, 70, 249.
l.	W.B. (2) XI., 1041	11 55 8·77	71 4 9·3	Paris Catalogue.
m.	B.D. + 14°, 2478	12 6 19	75 50	Bonn Observations, vol. iii.
n.	W.B., XII., 41	12 5 47·59	75 51 5·3	First Glasgow Catalogue, Schjellerup's Catalogue, and Bonn Observations, vol. vi.
o.	W.B., XII., 54	12 6 30·19	76 24 17·0	Schjellerup's Catalogue, 1865.
p.	W.B., XII., 76	12 7 38·97	76 20 37·2	Weisse's Bessel, and Bonn Observations, vol. vi.
q.	Lalande, 22932	12 8 36·90	77 15 27·1	Schjellerup's Catalogue, 1865.
r.	W.B., XII., 95	12 8 53·01	77 34 47·2	Lalande and Weisse's Bessel.
s.	W.B., XII., 145	12 12 11·23	78 11 24·2	Schjellerup's Catalogue, 1865.

Royal Observatory, Greenwich:
1893 *September* 18.

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Data for Computing the Positions of the Satellites of Jupiter 1893–94.

By A. Marth.

The following data for computing the places of the satellites for the present apparition of *Jupiter* are a continuation of those for the two preceding apparitions in vols. li. and lii. of the *Monthly Notices.* The motions of the longitudes and of the arguments, and the inequalities corresponding to the arguments, are to be found on pages 524–539 of vol. li.